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October 30, 2013

Dania Zinner
USEPA, Region 8
1595 Wynkoop Street (8EPR-SR)
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EPA CONTRACT NUMBER EP-W-10-033
TASK ORDER NUMBER 2021
QA SUPPORT FOR RI/FS AT THE LIBBY ASBESTOS SITE OU3

Dear Ms. Zinner:

Enclosed please find the Third Quarter 2013 Quarterly QA Report. This report is a deliverable under Task 5 of Task Order 2021.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading 'Timothy L. Vonnahme', is written over a light blue horizontal line.

Timothy L. Vonnahme
Audit Group Manager, QATS Program
CB&I Federal Services, LLC
Phone: (702) 895-8729
E-Mail Address: timothy.vonnahme@cbifederaleservices.com

cc: Christina Proggess, USEPA, Region 8
Administrative Contracting Officer (letter only)
Audit Group Files





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TECHNICAL MEMORANDUM

TO: Christina Progross and Dania Zinner, USEPA Region 8
FROM: Michael Lenkauskas, CB&I Federal Services, LLC
DATE: October 30, 2013
SUBJECT: Third Quarter 2013 Quarterly QA Report – Task Order 2021

This technical memorandum represents the Third Quarter 2013 Quarterly QA Report for Task Order 2021, *Quality Assurance Support for the Remedial Investigation/Feasibility Study (RI/FS) for Operable Unit 3 of the Libby Asbestos Site (Libby OU3)*. It includes, by task and QA element, a summary of QA activities for the period of July 1, 2013 to September 30, 2013. The QA elements addressed in this quarterly report are consistent with Tasks 1 through 9 of Task Order 2021 and represent work performed by CB&I Federal Services, LLC under its Quality Assurance Technical Support contract EP-W-10-033.

Task 1 – Provide Technical Expertise

No activities were assigned during the quarter.

Task 2 – Provide On-site Audit Reports

No activities were assigned during the quarter.

Task 3 – Development and Review of SOPs and Other Quality Documents

No activities were assigned during the quarter.

Task 4 – Libby Amphibole Mentoring Program

No activities were assigned during the quarter.

Task 5 – Quarterly Report

The Second (2nd) Quarter 2013 Quarterly QA Report was submitted on 07/31/2013.

Task 6 – Quality Control (QC) Sample Program

QATS evaluated and completed a review of data that were not available for inclusion into the draft 2013 Annual Summary Report submitted to EPA on 06/17/2013. The data included the 2010, 2011, and 2012 TEM inter-laboratory studies; the 2012 PLM inter-laboratory studies; and the PLM PES studies. The results of these data were summarized and



included in the final draft of the 2013 Annual Summary Report, which was submitted to EPA on 08/05/2013.

Task 7 – Data Validation of Asbestos Deliverables

All assigned data validation was completed and submitted during the previous quarter. No new activities were assigned during this quarter.

Task 8 – Conference Calls

QATS participated in a conference call with EPA and CDM Smith on 07/16/2013 to discuss changes to the first draft of the 2013 Annual Report which was submitted by QATS on 06/17/2013. The main concern was the manner in which the QC data were presented, which, in the first draft, was by media, method, and year. CDM Smith suggested that the data be presented by investigation and media throughout the report for all PLM and TEM analyses and field QC. Other suggestions included inclusion of a summary of the laboratory air monitoring program and laboratory internal audit programs.

Task 9 – Annual Summary Report

QATS revised and updated the 06/17/2013 draft 2013 Annual QA/QC Annual Summary Report to add the 2010-2012 inter-laboratory data and PES results which were unavailable at the time the original draft report was submitted and to address the changes recommended by CDM Smith and EPA during the conference call on 07/16/2013. Revision 1 of the draft 2013 Annual QA/QC Annual Summary Report was submitted to EPA Region 8 on 08/05/2013. On 08/14/2013 and 08/16/2013, additional comments were received from EPA and CDM Smith on Revision 1, which were incorporated by QATS.

The final draft (Revision 2) of the 2013 Annual QA/QC Annual Summary Report was submitted to EPA Region 8 on 09/05/2013.